

From: [McDaniel, Mark](#)
To: [Way, Steven](#)
Subject: RE: FW: START Blacktail Results - ammonia data
Date: Thursday, February 12, 2015 4:06:24 PM

Hi Steve!

SM 4500 N works fine. I don't think preservation is a deal killer on this method. The method calls for analyzing fresh (unpreserved samples) if possible in a short time frame. Preservation is not actually required, but recommended when the analysis cannot be performed "immediately". So I think the data may still be useable.

I hope this helps – I know it is a bit of an evasive answer, but without knowing the exact sample and analysis date it's a guess. I'd say if they got it turned in 7 days or less you are safe. We do the best with what we have in the field at that moment and deal the mess when we get back!

-mm

----- Forwarded message -----

From: **McDaniel, Mark** <McDaniel.Mark@epa.gov>
Date: Thu, Feb 12, 2015 at 2:49 PM
Subject: FW: START Blacktail Results - ammonia data
To: "mcdanielmark.epa@gmail.com" <mcdanielmark.epa@gmail.com>

From: Way, Steven
Sent: Thursday, February 12, 2015 2:49:54 PM (UTC-07:00) Mountain Time (US & Canada)
To: McDaniel, Mark
Subject: FW: START Blacktail Results - ammonia data

Mark,

Would you please let me know if the method below is the same as the EPA 350.1 method. Also, apparently there was a preservation needed for ammonia that was not added – in part we did not plan for the ammonia analysis at the front end. So, how significant do think that might be on the results ?

Thanks,
Steve

Steven Way
Federal On-Scene Coordinator
Emergency Response Unit
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1595 Wynkoop Street
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From: Sandusky, Eric [mailto:Eric.Sandusky@WestonSolutions.com]
Sent: Thursday, February 12, 2015 2:37 PM
To: Way, Steven
Subject: RE: START Blacktail Results tables - Review Status

SM 4500-NH3-F is an EPA approved method for ammonia.

Eric Sandusky

Associate Geoscientist
Weston Solutions, Inc.
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1435 Garrison St.
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From: Way, Steven [mailto:way.steven@epa.gov]
Sent: Thursday, February 12, 2015 2:28 PM
To: Sandusky, Eric
Subject: RE: START Blacktail Results tables - Review Status

On that topic of ammonia, please verify if the method that was used is the preferred method for ammonia concentrations in water re WQ standards.

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From: Sandusky, Eric [mailto:Eric.Sandusky@WestonSolutions.com]
Sent: Thursday, February 12, 2015 2:25 PM
To: Way, Steven
Subject: RE: START Blacktail Results tables - Review Status

Steve,
It is almost complete. The only issue that has come up so far is that the ammonia samples were not properly preserved with H2SO4 (sulfuric acid)

Eric Sandusky

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From: Way, Steven [<mailto:way.steven@epa.gov>]
Sent: Thursday, February 12, 2015 2:23 PM
To: Sandusky, Eric
Cc: Robinson, David
Subject: RE: START Blacktail Results tables - Review Status

Eric,

Has this data presented in the attached tables been through the START data review (i.e., Level 2 validation ?) ?

Steven Way
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From: Sandusky, Eric [<mailto:Eric.Sandusky@WestonSolutions.com>]
Sent: Wednesday, February 11, 2015 1:12 PM
To: Way, Steven
Subject: START Blacktail Results tables

Steve,
Attached are the results tables for our (START) samples collected from 1/24 through 1/26

Eric Sandusky

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